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Small screw for stabilising spine segments - has retention part as hollow, segmental support for two nuts of matching contour

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Patent Family (1 patent, 1 country)

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Patent Details

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
DE 3711013	C	DE	5	8	

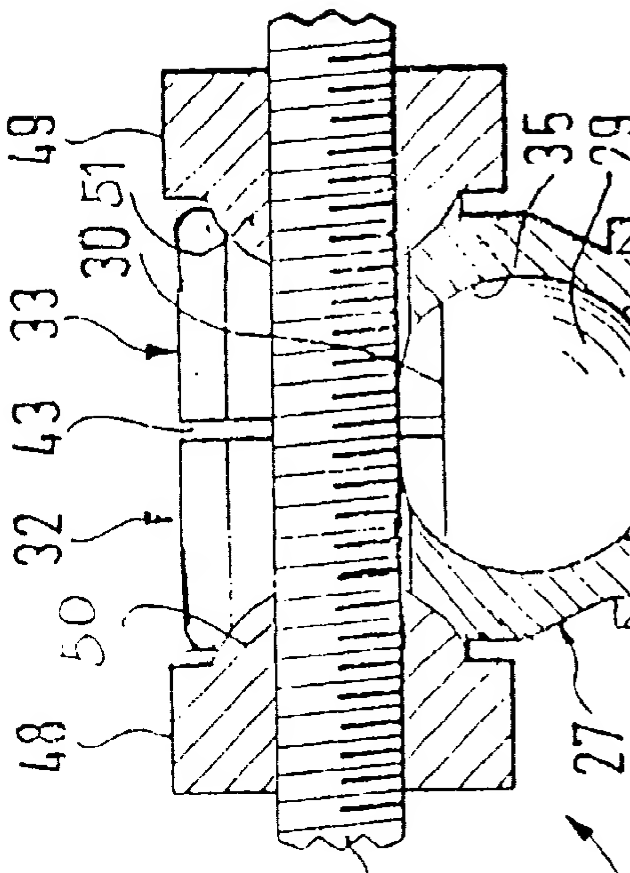
Alerting Abstract: DE C

The stabilising screw (26) has a spherical head (29), gripped between two half-clamps (32,33), which have hemispherical recesses (35) to receive the head . The two half-clamps are pressed against the head by a threaded rod (39) which passes through a slot in each half-clamp.

A nut (48,49) with a hemispherical end face is screwed onto the rod on opposite sides of the clamp. Each half-clamp has a hemispherical recess to receive the hemispherical end face of the nut.

ADVANTAGE - Easy insertion and permanent unit securing in the retainer.

Main Drawing Sheet(s) or Clipped Structure(s)



International Patent Classification

IPC	Level	Value	Position	Status	Version
A61B-0017/70	A	I		R	20060101
A61B-0017/86	A	I		R	20060101
A61B-0017/68	C	I		R	20060101
A61B-0017/70	C	I		R	20060101

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Current ECLA class: A61B-17/70B4 A61B-17/86A

Claim: * 1. Pedikelschraube (**25**) zur Stabilisierung von Wirbelsaulensegmenten, mit einem Gewindenschaftteil (**26**) und einem kopfseitig vorgesehene(n) Aufnahmeteile (**27**) für eine Stange (**39**), wobei die Stange (* 39) und das Aufnahmeteil (**27**) durch zwei an dem Aufnahmeteil (**27**) angreifende Muttern fest miteinander verbindbar sind, **dadurch gekennzeichnet, ** dass der jeweilige das Widerlager (**38**) für die Mutter bildende Teil des Aufnahmeteiles (**27**) als hohlkugelsegmentförmige Pfanne und der damit in Eingriff bringbare Teil der Mutter als Kugelsegment mit entsprechendem Radius ausgebildet sind.

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